

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)			Complete if Known		
			Application Number	Not Yet Assigned <u>W/714,966</u>	
			Filing Date	Concurrently Herewith <u>11/18/03</u>	
			First Named Inventor	Cyril Cabral, Jr. et al.	
			Art Unit	<u>N/A 2811</u>	
			Examiner Name	Not Yet Assigned <u>HUNG JU</u>	
Sheet	1	of	1	Attorney Docket Number	YOR920030287US1(20140-00308)

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
<input checked="" type="checkbox"/>	AA	US-2003/0075808	04-24-2003	Inoue	-
<input checked="" type="checkbox"/>	AB	US-6342733	01-29-2002	Hu, et al.	-
<input checked="" type="checkbox"/>	AC	US-6573606	06-03-2003	Sambucetti, et al.	-
<input checked="" type="checkbox"/>	AD	US-6528409	03-04-2003	Lopatin, et al.	-
<input checked="" type="checkbox"/>	AE	US-6323128	11-27-2001	Sambucetti, et al.	-
<input checked="" type="checkbox"/>	AF	US-2003/0010645	01-16-2003	Ting, et al.	-
<input checked="" type="checkbox"/>	AG	US-5695810	12-09-1997	Dubin, et al.	-

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²	
<input checked="" type="checkbox"/>	CA	A. KOHN, et al., "Characterization of electroless deposited Co(W,P) thin films for encapsulation of copper metallization" Materials Science and Engineering A302 (2001) pages 18-25		
<input checked="" type="checkbox"/>	CB	C.-K. HU, et al., "Reduced electromigration of Cu wires by surface coating" IBM T.J. Watson Research Center, Yorktown Heights, New York		
<input checked="" type="checkbox"/>	CC	P.L. CAVALLOTTI, et al., "Microelectrodeposition of cobalt and its alloys" Proceedings AESF SUR/FIN Annual International Technical Conference, 1999, pages 325-335		
<input checked="" type="checkbox"/>	CD	C.-K. HU, et al., "Electromigration in On-Chip Single/Dual Damascene Cu Interconnections" Journal of the Electrochemical Society, Vol. 149, No. 7, pages 408-415, 2002		

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature	<u>HUNG JU</u>	Date Considered	<u>10/21/04</u>
--------------------	----------------	-----------------	-----------------